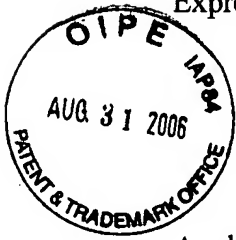


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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: Shekel et al. Examiner: CULBERT, Robert P.
Serial No. 10/807,537 Art Unit: 1763
Filing Date: 03/23/04 Docket No. 06727/0201090-US0
Title: Method and Apparatus for Real-Time Dynamic Chemical Analysis
Subject: Office Action of 01 June 2006

Addressee: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450

31 August 2006

Sir:

In response to the subject Office Action dated 01 June 2006, please accept the following Remarks and Conclusions. In consideration of the arguments presented, reconsideration of this application and allowance of all of the pending claims, as amended, are respectfully requested.

Election/Restrictions

Claims 1-13 were withdrawn from further consideration pursuant to 37 CFR 1.142(b) as being drawn to a nonelected invention. Claims 14-33 are pending.

Claim Amendments

Claim 14 has been amended, with respect to form, by replacing "a" by "said" in line 4, deleting "at" before "two points" in line 4, and inserting "and" at the end of line 9.

Claim 23 has been amended with respect to form by deleting a redundant "further comprises" in line 2.

Claim 25 has been amended with respect to form by inserting a colon after "comprising" in line 1, inserting "samples" after "etchant" in line 3, adding "and" at the end of line 11, and